

10/787,505 (3DG-111)

10/24/2005

LISTING OF SPECIFICATION AMENDMENTS

Please replace paragraph [0023] on page 8, lines 1-13 with the following paragraph:

[0023] Preferably, events are divided into two categories: group state (stateful) events and transitory events. Group state events include image manipulation, copaging, and pick set manipulation events. Groups state events modify the group state on each client 24, and the group state is enforced to be synchronized between different clients 24. Preferably, the loss of state events in the transmission process is prevented completely, since such a loss would lead to desynchronization of the group state and would affect subsequent state data. Preventing data loss can be achieved through the use of a reliable multicast protocol which verifies the receipt of data, such as a protocol implemented using the open source JGroups (Javagroups) API. Delivery of a stateful event is complete only when all recipient clients have confirmed receipt of the event. Transitory events include cursor position tracking events. Loss of some transitory event data is acceptable. For transitory events, maintaining a high-throughput and low latency is preferably more important than preventing data loss. Transitory events are preferably transmitted using a transmission protocol which does not verify receipt of data.